

FILE NOTATIONS

Entered in NLD File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 10-7-74

Location Inspected

W... WW..... TA.....

Bond released

SW..... OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

WUC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. I-149-IND-8836		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Texaco Inc. Attention: T. Bliss		7. UNIT AGREEMENT NAME Aneth Unit		
3. ADDRESS OF OPERATOR P. O. Box 2100, Denver, Colorado 80201		8. FARM OR LEASE NAME Unit		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface SW 1/4 NE 1/4 Sec. 21 At proposed prod. zone 1897' FNL & 1980' FEL, Sec. 21		9. WELL NO. G221		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* --		10. FIELD AND POOL, OR WILDCAT Aneth Field		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1897'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21 T40S-R24E S.L.M.		
16. NO. OF ACRES IN LEASE --		12. COUNTY OR PARISH San Juan		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE Utah		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1200'		20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4612' GR		22. APPROX. DATE WORK WILL START* August 15, 1974		
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	New 13-3/8"	48# H-40	100'	Circulate to surface.
12-1/4"	New 8-5/8"	24# K-55	1600'	Circulate to surface.
7-7/8"	New 5-1/2"	14, 15.5# K-55	5632'	Cement 600' above pay zone.

DV collar to be run below DeChelly and cement to bottom of surface casing.

Propose to drill this infill well in order to gain optimum primary and secondary oil recovery from the Aneth Unit. Samples will be taken at 10' intervals from 5000' to TD. No cores or DSTs are planned. Logs will be run from surface casing to TD. Prospective zones will be perforated and acidized. Blowout preventer equipment will be as indicated on the attached exhibit, and will be tested at regular intervals. Necessary steps will be taken to protect the environment.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE JUL 11 1974

BY *Robert B. Feig*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED *Tommie Bliss* TITLE District Superintendent DATE July 3, 1974

(This space for Federal or State office use)

PERMIT NO. *43-037-30182*

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

USGS (3) - OGCC (2) - TB - ARM - Bureau of Indian Affairs - The Navajo Tribe
Farmington SLC Gulf (2) - Shell-Superior - Tenneco

*See Instructions On Reverse Side

COMPANY Texaco Inc.

Well Name & No. Aneth Unit Well No. G221

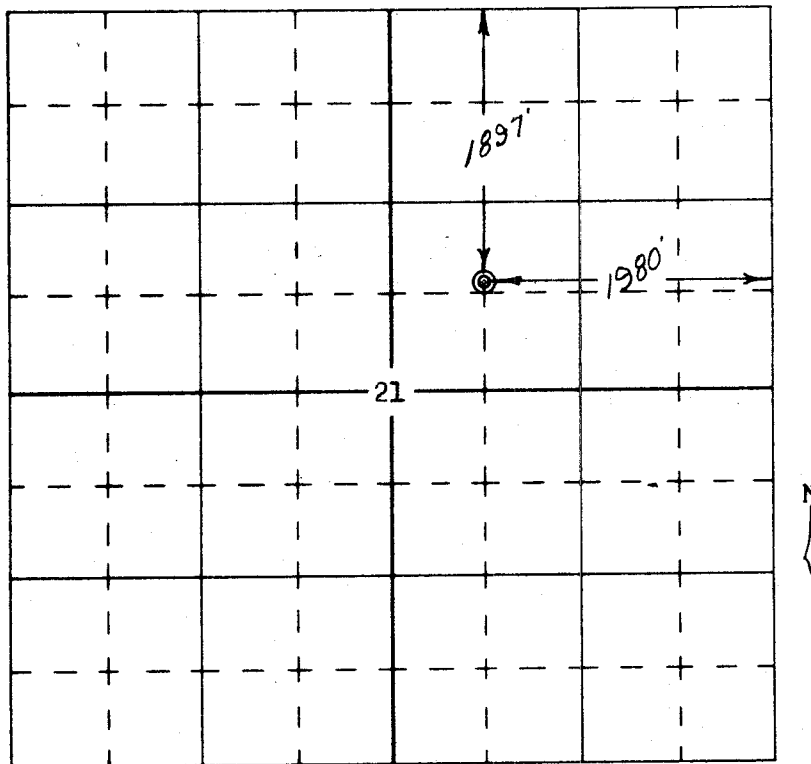
Lease No. _____

Location 1897 feet from North line and 1980 feet from East line

Being in San Juan County, Utah

Sec. 21, T.40S., R.24E., S.L.M.

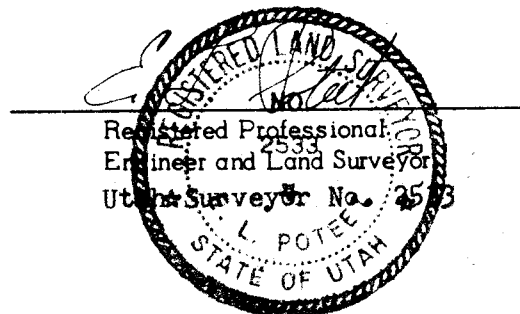
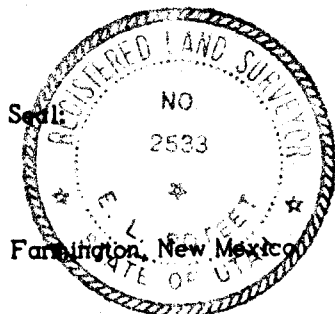
Ground Elevation 4612



Scale -- 4 inches equals 1 mile

Surveyed June 18, 19 74

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.





PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
ROCKY MOUNTAINS-U. S.
DENVER DIVISION

July 5, 1974

TEXACO INC.
P. O. BOX 2100
DENVER, COLORADO 80201

**SURFACE USE DEVELOPMENT PLAN
ANETH UNIT WELL NO. G221
SW $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 21 T40S-R24E
SAN JUAN COUNTY, UTAH
6.34**

Mr. P. T. McGrath (3)
District Engineer
U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

Dear Mr. McGrath:

As requested by your office, the Surface Use Development Plan for Aneth Unit Well No. G221, San Juan County, Utah, is as follows:

1. Existing roads and exit to the location are shown on the attached plats.
2. New access road 600' x 30' wide will be required. The road will run west from an existing road to the location with a compact ground surface.
3. Offset wells to the proposed well are shown on the attached plat.
4. Lateral roads in the vicinity of the location are shown on the attached plat.
5. The flowline for this well will run 100' southwest to an existing battery (see attached plat).
6. Water for drilling operations will be obtained from Texaco's produced water tank located near the Texaco office, a distance of two miles.
7. All waste material will be contained by earthen and steel pits. Earthen pits will be subsequently back filled and buried.

Mr. P. T. McGrath

- 2 -

July 5, 1974

8. No separate drill campsites are proposed.
9. There are no registered airstrips in the vicinity of the location.
10. The drillsite location will be laid bare and will be approximately 250' x 300'. Proper grading will be used to control erosion, and the drilling pad surface will be compact soil. A plat showing the location and rig layout is attached.
11. All surfaces not used in normal well servicing and maintenance will be cleaned and graded.
12. The wellsite is located on moderate sloping, sandy and rocky ground sparsely covered with native grass. No Indian buildings or artifacts are evident in the immediate vicinity.

Very truly yours,

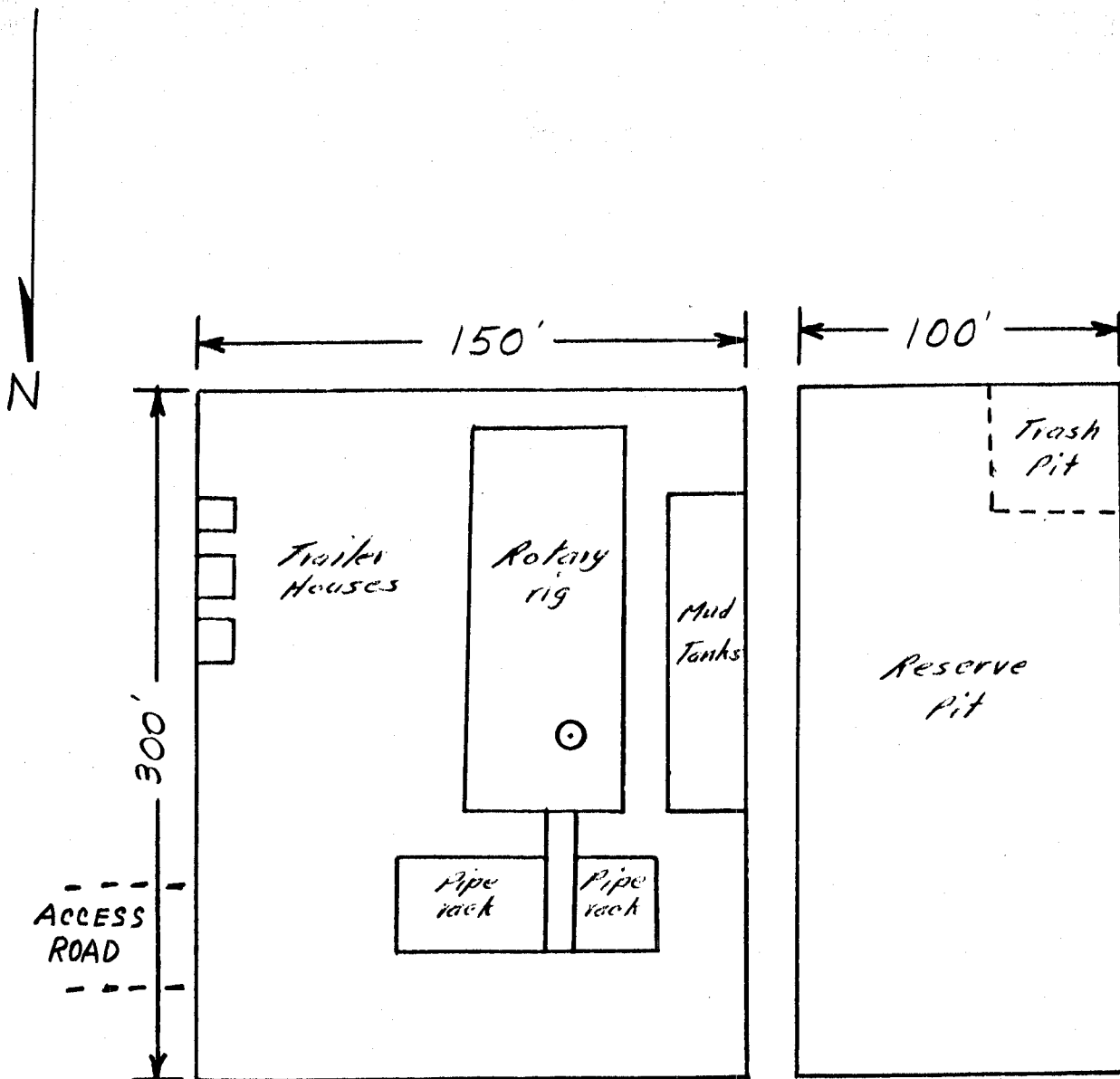
Signed: Tommie Bliss

Tommie Bliss
District Superintendent

FME:RB

Attach.

cc: Board of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116



- A. Drilling pad will be compacted soil.
- B. Wellsite is on moderate sloping, sandy and rocky ground sparsely covered with native grass.

LOCATION AND RIG LAYOUT PLAT

ANETH UNIT WELL NO. G221

SAN JUAN COUNTY, UTAH

Minimum equipment requirements are:

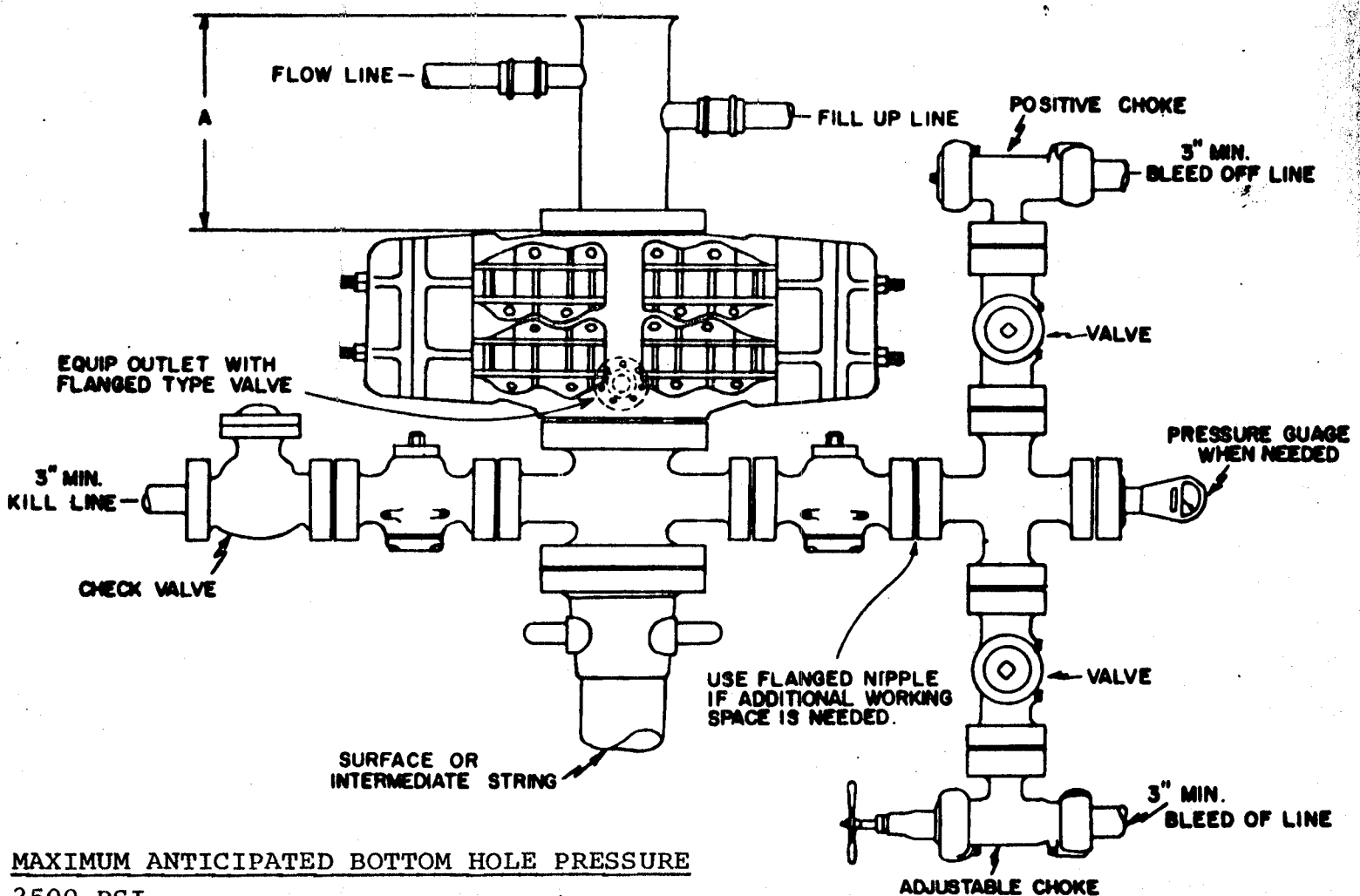
1. Blowout preventers must be capable of being operated both mechanically and hydraulically. Controls must be located so that the blowout preventer can be operated outside the drilling rig substructure. All steel tubing and connections must be used between the hydraulic controls and the blowout preventer.

2. Pressure rating of the blowout preventer and associated connections must be proportional to depth and pressure expectations. Use Figure 1 as a guide in unknown areas. 10" Series 600.

3. Distance "A" must be sufficient to accommodate a Hydril preventer if required.

4. Chokes, valves, manifold piping and kill line must be flanged and designed equal to or above the pressure rating of the blowout preventer.

5. Kelly cock must be used at all times and should be checked daily.



MAXIMUM ANTICIPATED BOTTOM HOLE PRESSURE
2500 PSI

DRILLING FLUID - WATER & SALT MUD

NOTE: BLOWOUT PREVENTER MUST HAVE DOUBLE RAMS; ONE BLIND & ONE PIPE RAM OR THE EQUIPMENT MUST CONSIST OF TWO BLOWOUT PREVENTERS, ONE EQUIPPED WITH BLIND RAMS & THE OTHER WITH PIPE RAMS. ALWAYS PLACE THE BLIND RAMS IN THE TOP PREVENTER.

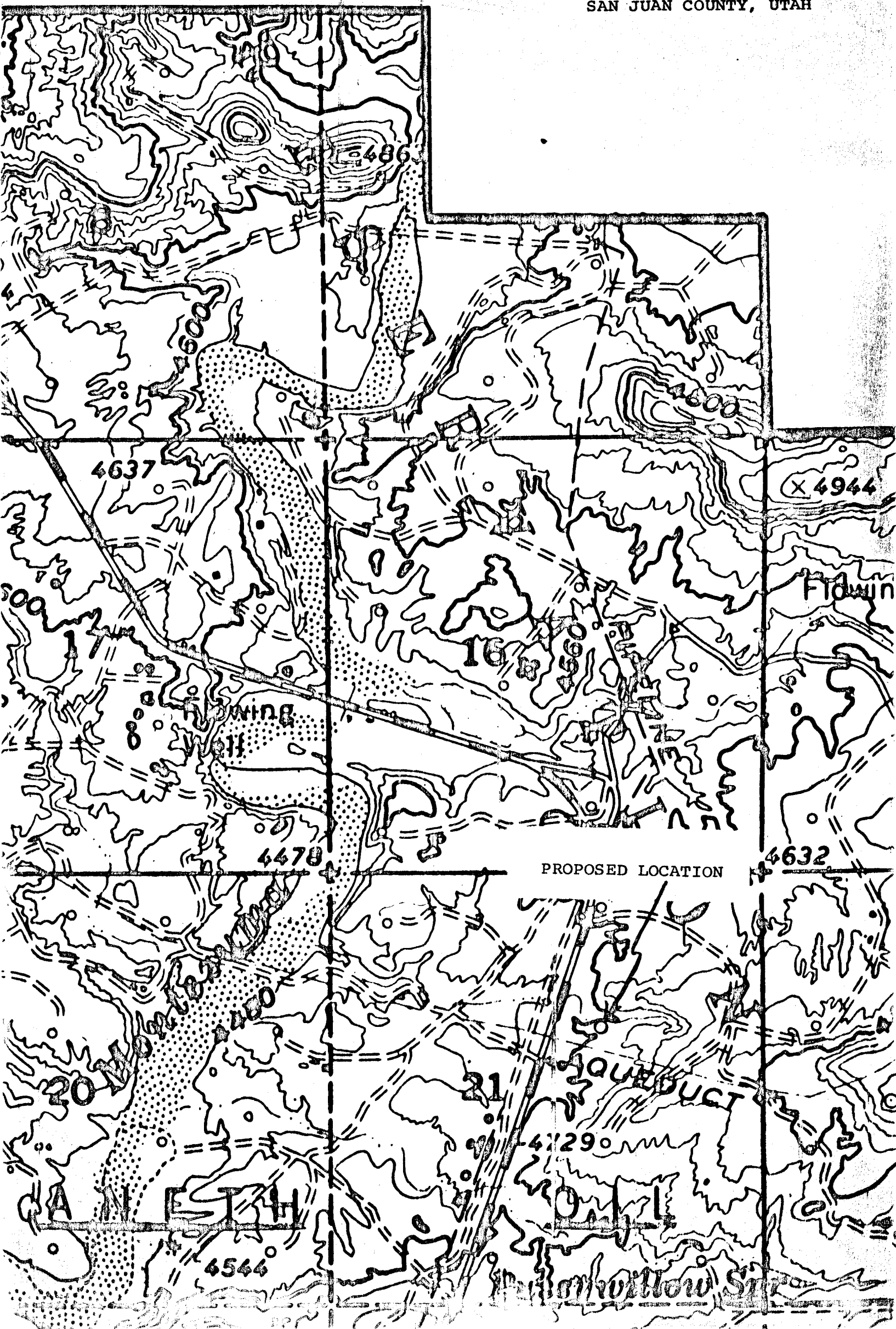
ANETH UNIT WELL NO. G221

SAN JUAN COUNTY, UTAH

APPROVED
[Signature]

TEXACO INC DENVER, COLORADO	
BLOWOUT PREVENTER ASSEMBLY STANDARD NO. 2	
DRAWN BY M.B.D.	CHECKED BY P.B.Z.
DATE 11-8-68	FILE 448000
REVISED	SERIAL 1-108-8

ROAD AND LOCATION PLAT
ANETH UNIT WELL NO. G221
SAN JUAN COUNTY, UTAH



ANETH UNIT

LEGEND:

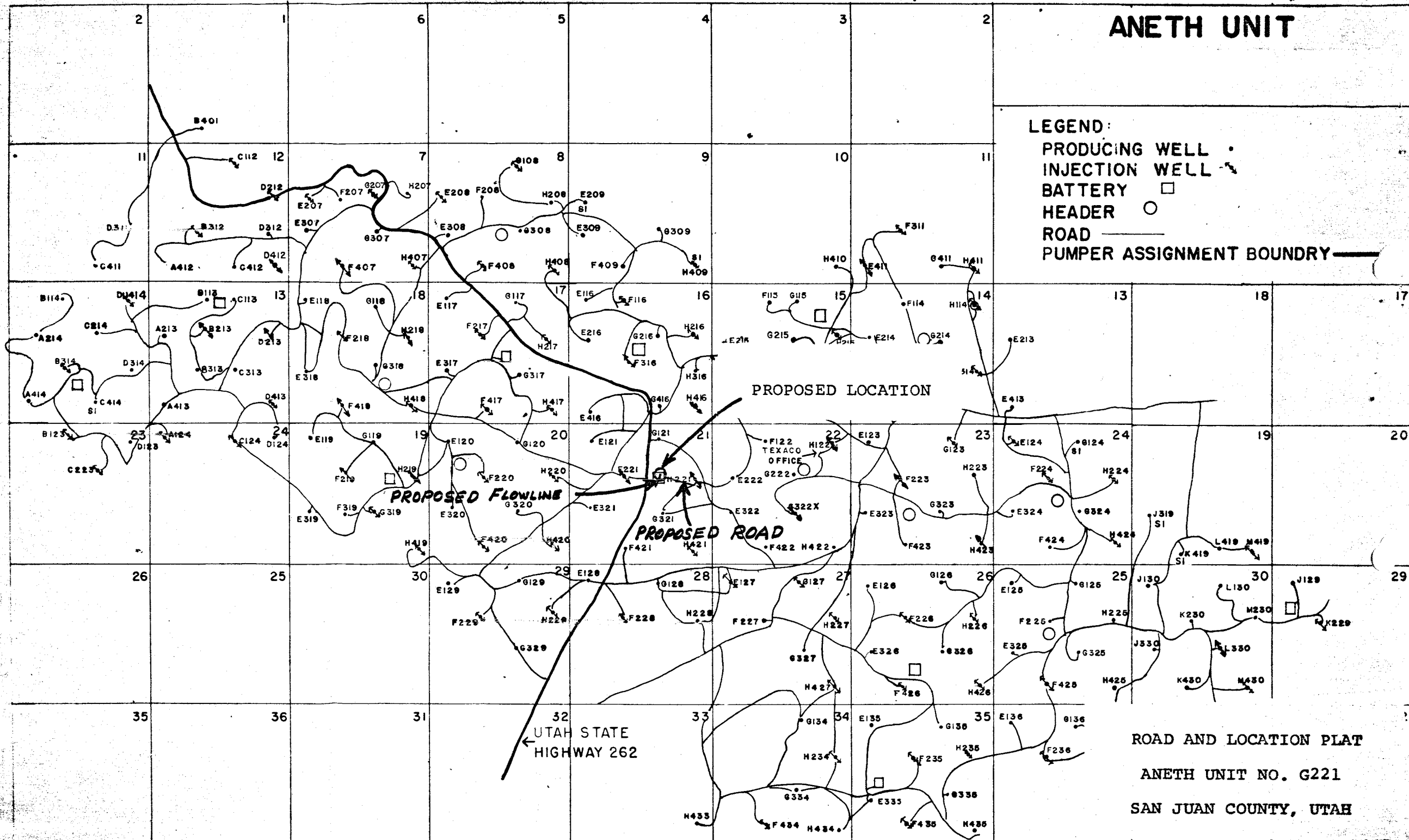
PRODUCING WELL •
INJECTION WELL *

BATTERY □

HEADER ○

ROAD —

PUMPER ASSIGNMENT BOUNDARY —



ROAD AND LOCATION PLAT
ANETH UNIT NO. G221
SAN JUAN COUNTY, UTAH

COMPANY Texaco Inc.

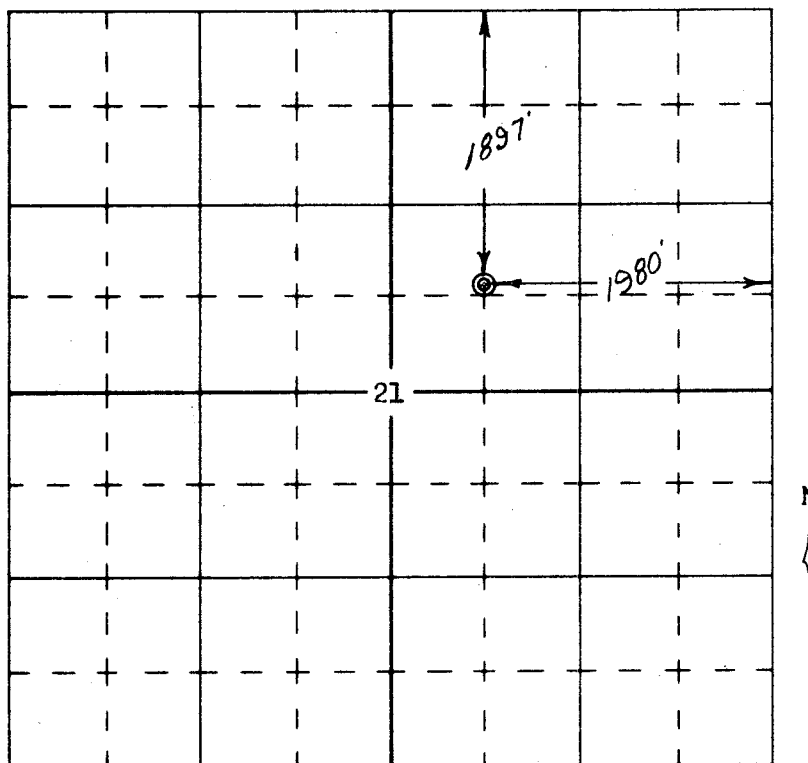
Well Name & No. Aneth Unit Well No. 0221 Lease No. _____

Location 1897 feet from North line and 1980 feet from East line

Being in San Juan County, Utah

Sec. 21, T.40S., R.24E., S.1.M.

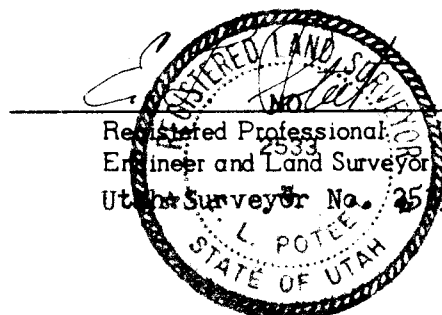
Ground Elevation 4612



Scale -- 4 inches equals 1 mile

Surveyed June 18, 19 74

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLER 1*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8836

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME Aneth Unit
2. NAME OF OPERATOR Texaco, Inc.	8. FARM OR LEASE NAME Unit
3. ADDRESS OF OPERATOR Attention: T. Bliss	9. WELL NO. G 221
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW 1/4 NE 1/4 Sec. 21 1897' FNL & 1980' FEL, Sec. 21	10. FIELD AND POOL, OR WILDCAT Aneth Field
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21-T40S-R24E S.L.M.
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4612' GR	12. COUNTY OR PARISH San Juan
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) **Production casing** ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

9-20-74

Ran 172 joints (5612') of 5-1/2" OD, 14# & 15.5#, K-55 new and SH casing, set at 5610' KB, cemented with 300 sacks w/64# gilsonite, 7# salt, 1# mud kill, & 3/4% CFR-2. Plug down 2:00 p.m. w/1600#

9-19-74. DV tool at 2623', cemented with 400 sacks Howco Lite w/50 sacks regular w/2% CaCl. Plug down 3:00 p.m. w/2500#

9-19-74. Final report.

18. I hereby certify that the foregoing is true and correct

SIGNED

Tenneco

TITLE

District Superintendent

DATE Sept. 23, 1974

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

USGS(3)
FarmingtonOGCC(2)
SLC

TB

ARM

The Navajo Tribe

Gulf(2) Shell Superior

Tenneco

*See Instructions on Reverse Side

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> WELL WELL OTHER		7. UNIT AGREEMENT NAME Aneth Unit	
2. NAME OF OPERATOR Texaco, Inc. Attention: T. Bliss		8. FARM OR LEASE NAME Unit	
3. ADDRESS OF OPERATOR P. O. Box 2100 Denver, Colorado 80201		9. WELL NO. G 221	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SW 1/4 NE 1/4 Sec. 21 1897' FNL & 1980' FEL, Sec. 21		10. FIELD AND POOL, OR WILDCAT Aneth Field	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21-T4OS-R24E S. L. M.	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4612' GR		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO :

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF :

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) Surf

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(Other) Surface Casing
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8-28-74

Ran 2 joints (75') of 13-3/8" OD, 48#, H-40 casing, set at 75'.
Cemented with 125 sacks regular cement w/3% CaCl. Plug down
4:00a.m., 8-28-74. Circulated cement to surface.

8-30-74

Ran 52 joints (1411') of 8-5/8" OD, 24#, K-55 new and SH casing, set at 1405' KB. Cemented with 700 sacks Halliburton Lite followed with 100 sacks regular cement w/3% CaCl. Circulated cement to surface. Plug down 12:15 a.m. w/300# 8-30-74.

Tested blind and pipe rams and casing at 800# for 30 minutes.
Held OK.

18. I hereby certify ~~that the foregoing is true and correct~~

SIGNED

TITLE District Superintendent DATE Sept. 23, 1974

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE _____

USGS(3)
Farmington

OGCC(2)
SLC

TR

ARN

The Navajo Tribe

Gulf(2) Shell Superior Tenneco

***See Instructions on Reverse Side**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>		GAS WELL <input type="checkbox"/>		DRY <input type="checkbox"/>		Other <input type="checkbox"/>																													
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>		WORK OVER <input type="checkbox"/>		DEEP-EN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>		DIFF. RESVR. <input type="checkbox"/>		Other <input type="checkbox"/>																									
2. NAME OF OPERATOR Texaco, Inc. Attention: T. Bliss																																					
3. ADDRESS OF OPERATOR P. O. Box 2100 Denver, Colorado 80201																																					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface SW 1/4 NE 1/4 Sec. 21 At top prod. interval reported below 1897' FNL & 1980' FEL, Sec. 21 At total depth																																					
14. PERMIT NO. 30182 DATE ISSUED																																					
12. COUNTY OR PARISH San Juan 13. STATE Utah																																					
5. LEASE DESIGNATION AND SERIAL NO. I-149-IND-8836																																					
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15. DATE SPUDDED 8-27-74 16. DATE T.D. REACHED 9-20-74 17. DATE COMPL. (Ready to prod.) 10-7-74 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4624' KB 19. ELEV. CASINGHEAD 4612' GR																																					
20. TOTAL DEPTH, MD & TVD 5611' 21. PLUG, BACK T.D., MD & TVD 5550' 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY Sur. to TD ROTARY TOOLS CABLE TOOLS																																					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Desert Creek Top 5435' Bottom 5504'																																					
25. WAS DIRECTIONAL SURVEY MADE No																																					
26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-CNL-GR, DDL-GR, MLL, F Log																																					
27. WAS WELL CORED No																																					
28. CASING RECORD (Report all strings set in well)																																					
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>13-3/8"</td><td>48#</td><td>75'</td><td>17-1/2"</td><td>125 sacks</td><td></td></tr><tr><td>8-5/8"</td><td>24#</td><td>1405'</td><td>12-1/4"</td><td>800 sacks</td><td></td></tr><tr><td>5-1/2"</td><td>14# & 15.5#</td><td>5610'</td><td>7-7/8"</td><td>700 sacks</td><td></td></tr></tbody></table>														CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	13-3/8"	48#	75'	17-1/2"	125 sacks		8-5/8"	24#	1405'	12-1/4"	800 sacks		5-1/2"	14# & 15.5#	5610'	7-7/8"	700 sacks	
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<table border="1"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td>None</td><td></td><td></td><td></td><td></td></tr></tbody></table>														SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	None																		
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30. TUBING RECORD																																					
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31. PERFORATION RECORD (Interval, size and number)																																					
<table border="1"><tbody><tr><td>5435-39</td><td>2 JSPP</td></tr><tr><td>5446-72</td><td>" "</td></tr><tr><td>5496-5504</td><td>" "</td></tr></tbody></table>														5435-39	2 JSPP	5446-72	" "	5496-5504	" "																		
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5496-5504	" "																																				
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																																					
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33.* PRODUCTION																																					
<table border="1"><thead><tr><th>DATE FIRST PRODUCTION</th><th>PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)</th><th>WELL STATUS (Producing or shut-in)</th></tr></thead><tbody><tr><td>10-7-74</td><td>Pumping - 2-1/2" rod pump</td><td>Producing</td></tr></tbody></table>														DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)	10-7-74	Pumping - 2-1/2" rod pump	Producing																		
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<table border="1"><thead><tr><th>DATE OF TEST</th><th>HOURS TESTED</th><th>CHOKE SIZE</th><th>PROD'N. FOR TEST PERIOD</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>GAS-OIL RATIO</th></tr></thead><tbody><tr><td>10-9-74</td><td>24</td><td>-</td><td>→</td><td>64</td><td>-</td><td>472</td><td>-</td></tr></tbody></table>														DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	10-9-74	24	-	→	64	-	472	-								
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO																														
10-9-74	24	-	→	64	-	472	-																														
<table border="1"><thead><tr><th>FLOW. TUBING PRESS.</th><th>CASING PRESSURE</th><th>CALCULATED 24-HOUR RATE</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>OIL GRAVITY-API (CORR.)</th></tr></thead><tbody><tr><td>-</td><td>-</td><td>→</td><td>-</td><td>-</td><td>-</td><td>41.9</td></tr></tbody></table>														FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	-	-	→	-	-	-	41.9										
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-	-	→	-	-	-	41.9																															
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)																																					
TEST WITNESSED BY A. R. Marx																																					
35. LIST OF ATTACHMENTS																																					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																																					
SIGNED <u>Tammie Blaise</u> TITLE District Superintendent DATE Oct. 17, 1974																																					

*(See Instructions and Spaces for Additional Data on Reverse Side)

USGS(3)
Farm.OGCC(2) ✓
SLC

TB ARM

The Navajo Tribe
Tenneco Sun OilGulf(2) Shell Superior
Marathon

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

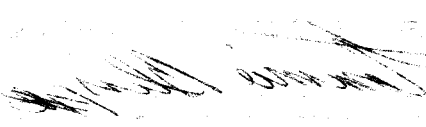
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Desert Creek	5414	
				Ismay	5258	
				Hermosa	4448	
				DeChelly	2488	

OCT 21 1974

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8836

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Aneth Unit

8. FARM OR LEASE NAME

Unit

9. WELL NO.

G221

10. FIELD AND POOL, OR WILDCAT

Aneth Field

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 21 T40S-R24E

S.L.M.

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

TEXACO, Inc.

3. ADDRESS OF OPERATOR

P. O. Box Cortez, Colo. 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

SW/4 NE/4 Sec. 21

1897' FNL & 1980' FEL, Sec 21

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4624' KB, 4612' GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2-6-78 to 2-25-78 Workover attempt to repair casing damage.

Ran swedge w/jars to find tight spots in casing. Tag tight spot from 3001' - 3011'. Perf 2990' & 3021' w/4 way squeeze shot. Could not pump into @ 1500psi. With pkr & RBP, isolated casing leak between 3065' & 3395'. Ran tbg openended to 3396', spotted 50 sx cmt. Tag cmt top at 3266'. Pumped into leak at 3/4 BPM-1900psi. Spot 50 sx LFL cmt at 3056'. Tag soft cmt at 2865'. DOC to 3039' test to 1100psi- holds. Started to get metal cuttings at 3039'. DOC to 3105' (hard). No cmt from 3105' to 3145'. Tag cmt at 3145'. Trip in w/4 3/4" bit, hit tight spot at 3039'. Tag cmt at 3152'. Trip bit, Shut- in well.

5-8-78 to 5-13-78 Subsequent reenter to repair casing damage.

Ran 4 1/2" swedge, tag tight spot at 2974' swedge thru to 2989'. Tag cmt at 3328'. Could not keep tight spot out with swedge. Perf. 2976' & 2986' w/4SPF. Jar swedge thru 3 times. Next day ran 4 1/2" swedge, tighter than previous day, moved during night. Moved off service unit. Job unsuccessful. Well Shut- in pending evaluation.

18. I hereby certify that the foregoing is true and correct

SIGNED

Alvin R. Marx

TITLE Field Foreman

DATE 9-27-78

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

USGS(4) UOGCC(3) Superior GLE ARM Navajo Tribe

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRI
(Other instruction
verse side)ATE*
reForm approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8836

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME Aneth Unit
2. NAME OF OPERATOR TEXACO INC.	8. FARM OR LEASE NAME Unit
3. ADDRESS OF OPERATOR P.O. Box EE Cortez, Colo. 81321	9. WELL NO. G221
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SW/4 NE/4 Sec. 21 1897' FNL & 1980' FEL Sec. 21, T40S-R24E	10. FIELD AND POOL, OR WILDCAT Aneth Field
14. PERMIT NO.	11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA Sec. 21 T40S-R24E S.L.M.
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4624' KB, 4612' GR	12. COUNTY OR PARISH San Juan
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☒CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

TEXACO plans to abandon this well because the casing has collapsed and two previous attempts at repairing the collapsed zone has been unsuccessful. The proposed procedure is as follows:

1. MIRUSU. Run tbg to cement top at 3328'.
2. Spot 55 sx class B cement and bradenhead squeeze 10 sx behind pipe (Total 65 sx).
3. Fill hole with mud. Set 30' surface plug.
4. Erect abandonment marker and clean location.

Note; A cement plug is present from 3328' to 3396', and a RBP is set at 5370'.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: Nov. 3, 1978

BY: Ph. Ansell

18. I hereby certify that the foregoing is true and correct

SIGNED Alvin R. MaryTITLE Field ForemanDATE 10-31-78

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

USGS(4) UOGCC(3) Superior GLE ARM Navajo Tribe

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRI
(Other instruction
verse side)

TE
re

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND.-8836

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
TEXACO, Inc.

3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, CO. 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
SW/4 NE/4

1897' from North line and 1980' from East line.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4624' KB

7. UNIT AGREEMENT NAME

Aneth Unit

8. FARM OR LEASE NAME

Unit

9. WELL NO.

G221

10. FIELD AND POOL, OR WILDCAT

Aneth Field

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

S21, T40S, R24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1-4-79: MIRUSU. Tagged cement at 3328'. Spotted 65 sacks class B cement. Bradenhead squeezed perfs 2976 and 2986 with 10 sacks cement. Left 55 sacks cement in 5 1/2" casing. Filled hole with mud. Set 30' surface plug. Cleaned location and set abandonment marker.

18. I hereby certify that the foregoing is true and correct

SIGNED Alvin R. Mary

TITLE Field Foreman

DATE 1-10-79

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

USGS(4) UOGCC(3) Superior-GLE-ARM-Navajo tribe